# m **(1)** (3)

(Date)

(Revised 1/3/11)

# Employee Post-Travel Disclosure of Travel Expenses

Date/Time Stamp: RECEIVED \* PERORDS

Post-Travel Filing Instructions: Complete this form within 30 days of returning from travel. Submit all forms to the Office of Public Records in 232 Hart Building.

17 SEP 21 PH 1:51

Form RE-2

| In compliance with Rube reimbursed/paid for  |   |  | sures with respect to t                          | travel expenses that have been or wil                  |
|--|---|--|--|--|
| ☐ The original Employ                        | yee Pre-Travel Author                           | rization (Form RE-1), <u>A</u><br>tification Form with all | ND<br>attachments (itinerary                     | y, invitee list, etc.)                                 |
| Private Sponsor(s) (list                     | all): Alliance to Sa                            | ve Energy  |  |  |
| Travel date(s):                              | 20-081  | 2),2017  |  |  |
| Name of accompanying Relationship to Travele |   | ny): NA<br>Child   | <u> </u>   |  |
| INCLUDE LODGING C                            | OSTS IN EMPLOYEE                                | EASE DUE TO THE ACC<br>EXPENSES. (Attach addit             | OMPANYING SPOUS                                  | SE OR DEPENDENT CHILD, ONLY                            |
| Expenses for Employe                         | ee:<br>Transportation<br>Expenses               | Lodging Expenses   | Meal Expenses                                    | Other Expenses<br>(Amount & Description)               |
| ☐ Good Faith Estimate                        | \$514.11  | \$356.00   | \$79.55  | NA   |
| ☑ Actual Amount                              |   |  |  |  |
| Expenses for Accomp                          | <del>,</del>                                    | pendent Child (if applic                                   |  |  |
|  | Transportation<br>Expenses                      | Lodging Expenses   | Meal Expenses                                    | Other Expenses (Amount & Description)                  |
| ☐ Good Faith Estimate                        | NA  | NA   | NA   | NA   |
| ☐ Actual Amount                              |   |  |  |  |
| Provide a description                        | of all meetings and ev                          | ents attended. See Senat                                   | e Rule 35.2(c)(6). (A                            | ttach additional pages if                              |
| necessary.):                                 | 1 0 /   | a Alin   | 45 m Sci ~                                       | a of Engy Saller.                                      |
|  |   | my pockion   |  | - Consignation   |
| Sec 0  | 1 Hach mut                                      | for descript   | car.   |  |
| 09/2//17                                     | Loui Par  | ferson   |  |  |
| (Date)                                       | (Printed)                                       | name of traveler)  |  | (Signature of traveler)                                |
| TO BE COMPLETE                               | D BY SUPERVISING                                | MEMBER/OFFICER:  |  |  |
| I have made a determination form, an         | nation that the expense re necessary transporta | es set out above in connection, lodging, and related       | ections with travel des<br>d expenses as defined | scribed in the <i>Employee Pre-Travel</i> lin Rale 35. |
| 9/21/17                                      |   |  | Mu /   | 00us   |
| (Date)                                       | <del></del>                                     | <del></del>  | (Signature of Supe                               | rvising Senator/Officer)                               |

# EMPLOYEE PRE-TRAVEL AUTHORIZATION

Pre-Travel Filing Instructions: Complete and submit this form at least 30 days prior to the travel departure date to the Select Committee on Ethics in SH-220. Incomplete and late travel submissions will <u>not</u> be considered or approved. This form <u>must</u> be typed and is available as a fillable PDF on the Committee's website at ethics.senate.gov. Retain a copy of your entire pre-travel submission for your required post-travel disclosure.

| Name of Traveler:  | Levi Patterson  |
|--|---|
|  | ffice of U.S. Senator Chris Coons   |
| Private Sponsor(s) (list all): Alliance to Save Energy   | ·   |
| Target date(s). August 20-22, 2017 (20th is an ever  | ning travel day)  |
| Note: If you plan to extend the trip for any reason  | you must notify the Committee.  |
| Destination(s): Denver, CO   |   |
| Explain how this trip is specifically connected to the trave   | ler's official or representational duties:  |
| Levi covers energy issues for the office and it trip to Denver, CO to learn about policies and energy productivity across the country.   | would benefit the team if he went on a fact-finding best practices that are helping to drive advances in  |
| Name of accompanying family member (if any): None Relationship to Employee: Spouse Child  I certify that the information contained in this form is true  (Date)  | e, complete and correct to the best of my knowledge:  (Signature of Employee)   |
| Secretary for the Majority, Secretary for the Minority, and Cha  I, School (Print Senator's/Officer's Name)  an employee under my direct supervision, to accept paymelated expenses for travel to the event described above.  duties as a Senate employee or an officeholder, and will a private gain.  I have also determined that the attendance of the employee | CER (President of the Senate, Secretary of the Senate, Sergeant at Arms plain):  Levi Patterson  (Print Traveler's Name)  The determined that this travel is in connection with his or her not create the appearance that he or she is using public office for ee's spouse or child imappropriate to assist in the representation |
| of the Senate. (signify "yes" by checking box)  (Date)   | (Signature of Supervising Senator/Officer)  |

Note: I would like to extend my stay for two additional days. Alliance to Save Energy will not provide any additional financial support during this period and I will reimburse them if there is any change in cost for air travel.

Sincerely,

Levi Patterson

| Sunday, Aug |  |
|-------------|--|
| 7:35 PM     | Depart Dulles International Airport for Denver                                     |
|             | Southwest Flight 3745*   |
|             | *Tickets not yet booked  |
| 10:30 PM    | Arrive at Denver International Airport   |
|             | Cab to Renaissance Denver Downtown City Center Hotel                               |
|             | 918 17th St, Denver, CO 80202  |
| Monday, Au  | gust 21  |
| 8:00 AM     | Breakfast at Courtyard Marriott Denver Downtown                                    |
| 8:30 AM     | Depart Hotel for National Renewable Energy Laboratory                              |
|             | *Via Charter Bus   |
| 9:00 AM     | Arrive at National Renewable Energy Laboratory for Part 1 of Campus Tour           |
|             | 15013 Denver W Pkwy, Golden, CO 80401  |
|             | Gary Schmitz, Senior Manager for Government Relations & External Affairs, National |
|             | Renewable Energy Laboratory  |
|             | This portion of the visit to NREL will involve meetings with staff to learn about  |
|             | the Department of Energy's high-performance buildings program, commercial          |
|             | building partnerships and advanced energy modeling and design. It will also        |
|             | feature a tour of some facilities, including the Research Support Facility (newest |
|             | LEED Platinum sustainable green office building).                                  |
|             | Building on decades of work and ongoing advanced-energy research, NREL             |
|             | tackles a range of energy challenges with an integrated approach. NREL's heavy     |
|             | focus on energy efficiency, particularly in the building sector, is evident in the |
|             | various technologies employed in the recently completed Research Support           |
|             | Facility (RSF)—the laboratory's newest LEED Platinum sustainable green office      |
|             | building which serves as a model for energy efficiency and renewable energy.       |
|             | This campus is unique in its crosscutting displays of NREL's multi-faced mission,  |
|             | from a net zero building to batteries and formal storage and grid integration.     |
| 9:00 AM -   | Welcome & Introductions  |
| 9:30 AM     | - Overview of NREL   |
| 9:30 AM -   | Critical Insights for Energy Decision Makers                                       |
| 10:00 AM    | - Strategic Energy Analysis Center   |
| 10:00 AM -  | Energy Technology to Market  |
| 10:30 AM    | - New Approaches to Industry Partnerships  |
| 10:30 AM -  | Net Zero Energy Communities & High Performance Buildings                           |
| 11:15 AM    |  |
| 11:15 AM -  | Tour of NREL Research Support Facility   |
| 11:45 AM    | - Nation's Largest Net-Zero Energy Office Building                                 |
| 11:45 AM    | Policy Perspectives Lunch Event  |
|             | Policy Perspectives is an event series that the Alliance hosts throughout the      |
|             | year. Policy Perspectives speaker series provides exclusive opportunities for      |
|             | Alliance Associate & Board members to connect with key energy efficiency           |
|             | policymakers in an intimate and informal setting. Highly regarded by both our      |
|             | members and former event speakers, these gatherings offer candid discussions       |
|             | about the future of energy efficiency policy and the potential impact on key       |
|             | industry stakeholders, businesses and NGOs. This particular Policy Perspectives    |

|             | event will focus on energy productivity in the Denver metro area and feature   |
|-------------|--|
|             | staff from Siemens as well as local officials and industry leaders.  |
| 1:35 PM     | Part 2 of NREL Campus Tour   |
|             | Gary Schmitz, Senior Manager for Government Relations & External Affairs, National   |
|             | Renewable Energy Laboratory  |
|             | The second part of visit to NREL will focus on sustainable transportation and  |
|             | systems integration through meetings and presentations with NREL staff.  |
| 1:35 PM -   | Tour Energy Systems Integration Facility   |
| 2:30 PM     | World's Most Energy-Efficient Super Computer   |
|             | Visualization Laboratory   |
|             | Systems Performance Lab  |
| 2 20 214    | - Hydrogen and Fuel Cells  - Exercise Selections   |
| 2:30 PM -   | Energy-Efficient Transportation Solutions - Electric Vehicles/Smart Transportation R&D   |
| 3:00 PM     |  |
| 3:00 PM     | Depart NREL Campus for Miller Coors Brewery  Arrive at Miller Coors Brewery for Sustainability Tour  |
| 3:15 PM -   | 13th & Ford Street, Golden, CO 80401   |
| 4:00 PM     | Axel Johnson, Technical Services Manager, Miller Coors Brewing   |
|             | Visit will include a tour, given by Axel Johnson, that will focus on the energy-   |
|             | saving and sustainability projects the brewery has completed. The beverage   |
|             | industry is a large consumer of water and energy, which means that any   |
|             | methods to address either water or energy consumption can lead to significant  |
|             | savings.   |
|             | In 2013, Miller Coors began to improve energy use across their eight major   |
|             | breweries to 123 MJ/hl, a 15.6 percent reduction from 2012. All eight major  |
|             | breweries reduced energy consumption from 2012. Until this past year,  |
|             | MillerCoors was successful at getting only one brewery below 110 MJ/hl. They   |
|             | now have three: Fort Worth, Texas, Irwindale, Calif., and Shenandoah, located  |
|             | in Elkton, Va. From 2011 to 2013, MillerCoors has saved more than 2.3 billion  |
|             | megajoules of energy. This is enough to power 59,000 U.S. households for one   |
|             | year. They also put the new Golden Brewery Kiln 10 into production in June   |
|             | 2013. Since it began malting barley, they have achieved about a 30 percent   |
|             | overall reduction in steam usage for the brewery.  |
| 4:00 PM     | Depart Miller Coors for Hotel  |
| 4:30 PM     | Arrive at Hotel  |
| 5:30 PM     | Optional Dinner in Downtown Denver   |
| Tuesday, Au |  |
| 9:00 AM     | Breakfast at Hotel   |
| 9:15 AM     | Depart Hotel for Xcel Energy   |
|             | *Cab   |
| 9:30 AM -   | Arrive at Xcel Energy Trading Floor for Meetings and Tour  |
| 12:00 PM    | 1800 Larimer St, Denver, CO 80202  |
|             | Frank Prager, Vice President, Policy & Federal Affairs, Xcel Energy  |
|             | The visit to Xcel Energy will involve meetings and presentations with staff to   |
|             | learn about the successful energy efficiency programs the utility is able to offer its consumers. It will also feature a tour of the trading floor, which is the central |
|             | Its consumers, it will also reacute a tour of the trading floor, which is the central  |

|            | control hub for Xcel Energy's grid, that will show participants how a utility is  |
|------------|---|
|            | able to balance supply and demand.  |
|            | Xcel Energy doesn't just generate power. Colorado's largest utility also buys and |
|            | sells electricity, and in the past 12 years has, by the company's estimate, made  |
|            | almost \$245 million doing so. From the 10th-floor trading desks at its Colorado  |
|            | headquarters in downtown Denver, Xcel trades in power, as well as renewable-      |
|            | energy credits, 24 hours a day, seven days a week. Using computer models, 15      |
|            | traders figure out how much electricity customers are going to use the next       |
|            | day, where they can get it most cheaply — and, if they can, make a dollar selling |
|            | some into the market. This tour will teach attendees about the process and        |
|            | about the broad portfolio of energy efficiency offerings the company provides     |
|            | so all customers have an opportunity to participate, from rebate programs to      |
|            | energy audits to recycling services.  |
| 12:00 PM   | Depart Xcel Energy for Johns Manville Technical Innovation Center                 |
| 12.00 FW   | *Charter Bus  |
| 12.20 004  | Arrive at Johns Manville Technical Innovation Center for Tour & Lunch             |
| 12:30 PM - | 10100 W Ute Ave. Littleton, CO 80127  |
| 2:30 PM    | Tim Swales, Vice President, R&D and Chief Sustainability Officer, Johns Manville  |
|            | This visit will feature meetings and presentations from staff about Johns         |
|            | Manville's products and how they are able to be used in buildings to              |
|            | significantly reduce energy consumption. It will also feature a tour of the       |
|            |   |
|            | Technical Innovation Center, where Johns Manville conducts its research and       |
|            | development of new products.  |
|            | JMTC is a state-of-the-art research and development facility for building         |
|            | materials located southwest of Denver. The 325,000 sq. ft. one-of-a-kind facility |
|            | focuses on products to improve energy efficiency and green building materials.    |
|            | The information provided during the tour will focus on presenting research and    |
|            | creating an understanding of the need for outreach associated with retrofitting   |
|            | U.S. homes. These world-class environments help JM scientists do a variety of     |
|            | activities including understanding the components of glass and the role of        |
|            | recycled bottle glass, understanding how foams are made and learning about        |
|            | flame spread and smoke development.   |
| 2:30 PM    | Depart Johns Manville for Pena Station at Panasonic Energy Solutions              |
|            | *Charter Bus  |
| 3:00 PM -  | Arrive at Pena Station for Meetings/Tour  |
| 4:30 PM    | Peña Boulevard, Denver, CO 80220  |
|            | Mark Sharp, Group Manager, Panasonic  |
|            | The visit will include meetings with staff to learn about Panasonic's             |
|            | sustainability efforts, which includes things like energy-efficient products and  |
|            | higher efficiency batteries, but also its new partnership with the City of Denver |
|            | to develop a "smart city". This will show participants how various technologies   |
|            | and software can be integrated to form a high-functioning and energy              |
|            | independent system, which is a vision many people expect will be the future of    |
|            | cities.   |
|            | Peña Station Next has been envisioned as one of the country's most progressive    |
|            | communities. The development will not only produce its own energy but also        |
|            | store that energy to move toward a completely redundant power grid. Inspired      |
|            | by the Panasonic Smart City development in Fujisawa, Japan, Peña Station Next     |
|            |   |

|          | will maximize energy efficiency and access to efficient transportation along with their Panasonic and DEN partners. The community's many alternative transportation methods will make it possible for residents to live and work without a car. The tour will showcase the facility's \$10 million renewable energy micro-grid, complete with battery backup, energy tracking mechanisms and more. |
|----------|--|
| 4:30 PM  | Depart Pena Station for Denver Airport   |
|          | *Light rail  |
| 5:00 PM  | Arrive at Denver Airport – Dinner at Airport   |
| 6:50 PM  | Depart Denver Airport for Dulles International Airport Southwest Flight 5820* *Tickets not yet booked  |
| 11:05 PM | Arrive in Washington, D.C. – Conclusion of Trip  |

# PRIVATE SPONSOR TRAVEL CERTIFICATION FORM

This form must be completed by any private entity offering to provide travel or reimbursement for travel to Senate Members, officers, or employees (Senate Rule 35, clause 2). Each sponsor of a fact-finding trip must sign the completed form. The trip sponsor(s) must provide a copy of the completed form to each invited Senate traveler, who will then forward it to the Ethics Committee with any other required materials. The trip sponsor(s) should **NOT** submit the form directly to the Ethics Committee. Please consult the accompanying instructions for more detailed definitions and other key information.

The Senate Member, officer, or employee MUST also provide a copy of this form, along with the appropriate travel authorization and reimbursement form, to the Office of Public Records (OPR), Room 232 of the Hart Building, within thirty (30) days after the travel is completed.

| 1. | Sponsor(s) of the trip (please list all sponsors): Alliance to Save Energy   |
|----|--|
| 2. | Description of the trip: A fact-finding trip to Denver, CO to learn about policies and   |
| ۷. | best practices that are helping to drive advances in energy efficiency and energy productivity.  |
| 3. | Dates of travel: August 20 - August 22, 2017   |
| 4. | Place of travel: Denver, CO  |
| 5. | Name and title of Senate invitees: Please see attached   |
| 6. | I certify that the trip fits one of the following categories:  (A) The sponsor(s) are not registered lobbyists or agents of a foreign principal and do not retain or employ registered lobbyists or agents of a foreign principal and no lobbyist or agents of a foreign principal will accompany the Member, officer, or employee at any point throughout the trip.  - OR - |
|    | (B) The sponsor or sponsors are not registered lobbyists or agents of a foreign principal, but retain or employ one or more registered lobbyists or agents of a foreign principal and the trip meets the requirements of Senate Rule 35.2(a)(2)(A)(i) or (ii) (see question 9).  |
| 7. | <ul> <li>1 certify that the trip will not be financed in any part by a registered lobbyist or agent of a foreign principal.</li> <li>AND -</li> </ul>  |
|    | I certify that the sponsor or sponsors will not accept funds or in-kind contributions earmarked directly or indirectly for the purpose of financing this specific trip from a registered lobbyist or agent of a foreign principal or from a private entity that retains or employs one or more registered lobbyists or agents of a foreign principal.                        |
| 8. | I certify that:  The trip will not in any part be planned, organized, requested, or arranged by a registered lobbyist or agent of a foreign principal except for de minimis lobbyist involvement.  - AND -   |
|    | The traveler will not be accompanied on the trip by a registered lobbyist or agent of a foreign principal except as provided for by Committee regulations relating to lobbyist accompaniment (see question 9).   |

| 9.  | USE ONLY IF YOU CHECKED QUESTION 6(B) I certify that if the sponsor or sponsors retain or employ one or more registered lobbyists or agents of a foreign principal, one of the following scenarios applies:   |
|-----|---|
|     | <ul> <li>(A) The trip is for attendance or participation in a one-day event (exclusive of travel time and one overnight stay) and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee on any segment of the trip.</li> <li>−OR −</li> </ul>                            |
|     | <ul> <li>(B) The trip is for attendance or participation in a one-day event (exclusive of travel time and two overnight stays) and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee on any segment of the trip (see questions 6 and 10).</li> <li>− OR −</li> </ul> |
|     | (C) The trip is being sponsored only by an organization or organizations designated under § 501(c)(3) of the Internal Revenue Code of 1986 and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee at any point throughout the trip.                                   |
| 10. | USE ONLY IF YOU CHECKED QUESTION 9(B)  If the trip includes two overnight stays, please explain why the second night is practically required for Senate invitees to participate in the travel:  |
|     |   |
|     |   |
| 11. | An itinerary for the trip is attached to this form. I certify that the attached itinerary is a detailed (hourby-hour), complete, and final itinerary for the trip.  |
| 12. | Briefly describe the role of each sponsor in organizing and conducting the trip:  |
|     | The Alliance to Save Energy, as the sole sponsor of this trip, was responsible for planning the trip in its   |
|     | entirety and staff members of the Alliance will accompany all participants throughout the duration of the   |
|     | trip.   |
| 13. | Briefly describe the stated mission of each sponsor and how the purpose of the trip relates to that mission:  |
|     | Please see attached.  |
|     |   |
|     |   |
| 14  | . Briefly describe each sponsor's prior history of sponsoring congressional trips:  |
|     | Please see attached.  |
|     |   |
|     |   |
|     |   |

| Please see attached  | •   |                                      |                         |                  |
|--|---|--------------------------------------|-------------------------|------------------|
|  |   |                                      |                         |                  |
|  |   |                                      |                         |                  |
|  |   |                                      |                         |                  |
| Total Expenses for E   | ach Participant:  |                                      |                         |                  |
|  | Transportation Expenses   | Lodging<br>Expenses                  | Meal<br>Expenses        | Other<br>Expense |
| Good Faith estimate  Actual  | \$450<br>Round-trip Airfare<br>and<br>Local<br>Transportation.                | \$356                                | \$189.75                |                  |
| Amounts  |   |                                      |                         |                  |
| participation or b) the congressional participation  |   | hat is arranged or or                | rganized specifically i | viin regara to   |
| participation or b) the congressional participation  | ne trip involves an event t   | hat is arranged or or                | rganized specifically i | viin regara to   |
| participation or b) the congressional participation.   | ne trip involves an event the ipation: event that is arranged or              | organized specifica                  | rganized specifically i | viin regara to   |
| participation or b) the congressional participation.   | the location of the event   | organized specifica                  | rganized specifically i | viin regara to   |
| participation or b) the congressional participation.  The trip involves an participation.  Reason for selecting  | the location of the event   | organized specifica                  | rganized specifically i | viin regara to   |
| participation or b) the congressional participation.  The trip involves an participation.  Reason for selecting  | the location of the event   | organized specifica                  | rganized specifically i | viin regara to   |
| participation or b) the congressional participation.  The trip involves an participation.  Reason for selecting Please see attached  | the location of the event   | organized specifica                  | rganized specifically i | viin regara to   |
| participation or b) the congressional participation.  The trip involves an participation.  Reason for selecting.  Please see attached.   | the location of the event d.  | organized specifica or trip acility: | rganized specifically i | viin regara to   |
| participation or b) the congressional participation.  The trip involves an participation.  Reason for selecting.  Please see attached.   | the location of the event  of hotel or other lodging for Downtown City Center | organized specifica or trip acility: | rganized specifically i | viin regara to   |
| participation or b) the congressional participation.  The trip involves an participation.  Reason for selecting Please see attached Please See att | the location of the event  of hotel or other lodging for Downtown City Center | or trip  acility: Hotel              | lly with regard to cons | gressional       |

| 21. | Describe how the daily expenses for lodging, meals, and other expenses provided to trip participants compares to the maximum per diem rates for official Federal Government travel:  |
|-----|--|
|     | For the purposes of this trip, the cost of lodging and meals will remain within the per  |
|     | diem limit set by the General Services Administration (\$178 for lodging and \$69 for meals).  |
| 22. | Describe the type and class of transportation being provided. Indicate whether coach, business-class or first class transportation will be provided. If first-class fare is being provided, please explain why first-class travel is necessary:  |
|     | Attendees will take a plane to Denver, which will be coach.  |
|     | To attend sites in the greater Denver area we will use public transit, mini bus or taxis for transportation.   |
| 23. | I represent that the travel expenses that will be paid for or reimbursed to Senate invitees do not include expenditures for recreational activities, alcohol, or entertainment (other than entertainment provided to all attendees as an integral part of the event, as permissible under Senate Rule 35). |
| 24. | List any entertainment that will be provided to, paid for, or reimbursed to Senate invitees and explain why the entertainment is an integral part of the event:  |
|     | None   |
| 25. | I hereby certify that the information contained herein is true, complete and correct. (You must include the completed signature block below for each travel sponsor.):  Signature of Travel Sponsor:   |
|     | Name and Title:  |
|     | Name of Organization: Alliance to Save Energy  |
|     | 1850 M Street, NW, Suite 610, Washington, DC 20036   |
|     | Telephone Number: (202) 857-0666   |
|     | Fax Number: (202) 334-9588   |
|     | E-mail Address: kcallahan@ase.org  |

For questions, please contact Reed Brown at rbrown@ase.org or (202) 530-2241.

# Addendum to Senate Private Sponsor Travel Certification Form

5.

The following staff members have been invited to participate on this trip.

Morgan Cashwell, Legislative Assistant, Office of Senator Angus King Levi Patterson, AAAS Fellow, Office of Senator Chris Coons

- Radha Adhar, Legislative Assistant, Office of Senator Tammy Duckworth
- Tony Markel, Energy Fellow, Office of Senator Cory Gardner

13.

The Alliance to Save Energy promotes energy efficiency worldwide to achieve a healthier economy, a cleaner environment and energy security. To achieve this mission, the Alliance:

- Leads worldwide energy efficiency initiatives in policy advocacy, research, education, technology deployment and communications that impact all sectors of the economy.
- Provides vision and activism which includes active and engaged members of Congress, leaders from business, the public interest sector and academia.
- Initiates and participates in public-private partnerships, collaborate efforts and strategic
  alliances to optimize resources and expand its sphere of influence.
- Executes its mission through a team of recognized energy efficiency experts and professionals.

The purpose of this trip is to learn about policies and best practices that are helping to drive advances in energy productivity across the country. Our hope is that through visits to sites identified on the itinerary and through meetings with local and state officials that the Congressional staff members will be able to learn about state and business activities and, in turn, use that new knowledge to develop, refine and advance policies at the federal level.

### 14.

The Alliance has previously sponsored several Congressional field trips.

- Field Trip to Chicago, IL that took place on July 21, 2017.
- Field trip to Newark, New Jersey and New York, New York that took place from February 21-23, 2017
- Field trip to Boston, Massachusetts that took place from August 10-12, 2016.
- Field trip to San Francisco Bay Area that took place from August 12-14, 2015.
- Field trip to Hartford, CT on August 22-23, 2012 (including travel days).
- Field trip to Denver, CO on January 11-13, 2012 (including travel days).
- Field trip to Philadelphia, PA on August 26, 2011.
- Field trip from August 28, 2005 September 2, 2005 to:
  - o Berlin, Germany
  - o Stuttgart, Germany
  - o Brussels, Belgium
  - Terneuzen, Netherlands
  - o Rotterdam, Netherlands

- o Amsterdam, Netherlands
- Field trip to New York and California that took place from November 30, 2004 –
   December 3, 2004.

15.

The Alliance hosts a range of educational activities.

- Congressional Briefings
  - We host Congressional briefings throughout the year, which typically focus on a particular aspect related to energy efficiency.

March 16, 2017: Beyond Roads & Bridges: The Role of Energy Efficiency Policy in Infrastructure Investments

- July 14, 2016: Congressional Briefing on Grid Edge: The Role of Energy Efficiency in a Modernizing Energy System
- February 26, 2016: The Role of Benchmarking, Transparency and Codes in Driving a More Efficient Built Environment.
   January 14, 2016: Cutting Edge Technologies and Businesses: Opening the Door for Energy Efficiency Deployment at Scale
- Energy Efficiency Global Forum
  - O An annual event convened in Washington, DC that brings together executives and policymakers from around the world and across sectors to discuss energy efficiency. In 2017, this exclusive forum explored how utilities, regulators, legislators and companies are incorporating cost-effective energy efficiency measures into their business to help meet increasing demand. The next EE Global Forum is scheduled for May of 2018 in Copenhagen, Denmark.
- Accelerate Energy Productivity 2030
  - O A partnership between the U.S. Department of Energy, Alliance to Save Energy and Council on Competitiveness to catalyze action in the public and private sectors to help achieve the goal of doubling our nation's energy productivity.
  - O As part of this initiative, three webinars were held in April to provide an in-depth look at several unique aspects of energy efficiency:

April 13, 2016: Building Technologies and Finance April 20, 2016: Smart Grid and Smart Manufacturing

- April 27, 2016: Transportation and Water
- Energy 2030 Events
  - o Energy 2030 On the Road These are education, outreach and action campaigns aimed at urging communities through the nation to adopt the goal of doubling U.S. energy productivity. They are held around the country and last year included stops in Seattle, WA, Raleigh, NC and Minneapolis, MN. They follow the same format of other events where panelists discuss a specific theme of energy efficiency and are widely attended by members of local governments, academia, local and state government and the surrounding community.
- Policy Perspectives Breakfasts
  - O Breakfast sessions where we invite a representative from a Federal agency or Congressional office (Senator/Congressman) to come and speak about priorities or updates regarding energy efficiency for the respective agency or office. There

are plans for several of these events in 2017, including in Washington, DC and around the country.

## 18.

There are several reasons why we have chosen Denver, CO as the destination for this trip.

- The American Council for an Energy-Efficiency Economy (ACEEE) produces the annual State Energy Efficiency Scorecard, which ranks states based on energy efficiency policies and practices. Colorado has consistently been one of the best performers, and ranked #14 in 2016. The state offers several financial incentives encourage energy efficiency, including Property Assessed Clean Energy (PACE) financing, and leads by example by requiring public buildings to meet certain minimum efficiency standards. Colorado also has active utilities that offer energy efficiency programs and the state has an energy efficiency resource standard in place to encourage further advances. In addition to the state ranking, ACEEE also ranks a selection of major cities on the same criteria and Denver was ranked #9 in 2017. Therefore, Denver is an excellent option for such a trip because we can incorporate strong local level actions along with the broader state-level actions.
- The Alliance to Save Energy is also hosting a public briefing at the National Renewable Energy Laboratory on August 21, which will be included as part of the agenda. The briefing is entitled, "Policy Perspectives Cities of the Future: What Trends are Driving Urban Efficiency and Resilience in Denver," and will feature speakers from state and local government, regional organizations and local business leaders. A full agenda for the event is included below.
- The Greater Denver area boasts a wide range of field examples and opportunities to learn about energy efficiency, including:
  - o The National Renewable Energy Laboratory (NREL)

NREL is part of the national lab network and is specifically focused on the development and study of energy efficiency and renewable energy technologies. The lab has four main mission areas: Sustainable Transportation, Energy Productivity, Renewable Electricity and Systems Integration. In addition, NREL also has 13 research and development programs with several that are directly related to energy efficiency: buildings, Federal Energy Management Program, transportation, weatherization and intergovernmental programs and Department of Defense energy programs.

- o MillerCoors Brewery
  - Breweries represent an important part of energy efficiency, which is known as the energy-water nexus. In this context, it takes a significant amount of energy to treat and move water, which is why a visit to MillerCoors, the largest brewery by volume in the United States, is especially relevant. The company has a strong sustainability program and has been able to reduce its energy consumption by 50 percent and its water consumption by 25 percent since 2010.
- o Johns Manville

Johns Manville is a building materials company that develops and produces materials to make diverse environments stronger, more durable, and more energy efficient and comfortable. We manufacture premiumquality building and mechanical insulation, commercial roofing, glass fibers and nonwoven materials for commercial, industrial and residential applications. JM products are used in a wide variety of industries including building products, aerospace, automotive and transportation, filtration, commercial interiors, waterproofing and wind energy. Johns Manville also has its Innovation Center in Colorado where most of the research and development and quality assurance testing is conducted.

o Xcel Energy

Colorado is served by a broad collection of utility companies with Xcel Energy serving as one of the largest and the one that serves the greater Denver area. Recognizing the importance of energy efficiency, Xcel Energy offers a selection of programs to help businesses and homeowners become more energy-efficient.

Panasonic Corporation

Panasonic is one of the largest product manufacturers in the world, comprised of 473 companies and employing over 260,000 people. It is also advancing the concept of "Smart Cities" through its CityNow initiative. A recent partnership with the City of Denver and Xcel Energy has led to the development of a smart city just outside of downtown Denver at Pena Station, which incorporates technologies that enable smart energy, smart buildings, smart streets, and smart transportation.

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# **Policy Perspectives**

# Cities of the Future: What Trends are Driving Urban Efficiency and Resilience in Denver?

Monday, August 21 | 11:45 am - 1:35 pm National Renewable Energy Laboratory Golden, CO

11:45 am - 12:15 pm Registration & Lunch

12:15 pm - 12:20 pm Welcome Remarks

Kateri Callahan, President, Alliance to Save Energy

12:20 pm -12:35 pm Keynote Remarks

Governor John Hickenlooper

12:35 pm - 1:35 pm Cities of the Future: What Trends are Driving Urban Efficiency and Resilience in

Denver?

Moderator: Representative from NetZero Buildings Team at NREL

Speakers: Heather Bailey, Executive Director of Energy Strategy and Electric Utility, City of

Boulder

Bruce Ray, Director of Government & Regulatory Affairs, Johns Manville

Kathleen Staks, Executive Director, Colorado Energy Office

Representative from Prologis or Xcel Energy

Representative from Panasonic

1:35 pm Closing Remarks

Kateri Callahan, President, Alliance to Save Energy

Form RE-2

# 

(Revised 1/3/11)

# Employee Post-Travel Disclosure of Travel Expenses

Post-Travel Filing Instructions: Complete this form within 30 days of returning from travel. Submit all forms to the Office of Public Records in 232 Hart Building.

|  | - ++   |   | -  | •   |
|--|--|---|--|---|
| In compliance with Rube reimbursed/paid for      | le 35.2(a) and (c), I m<br>me. I also certify that | ake the following disclo                                    | sures with respect to                            | travel expenses that have been or w                   |
| ☐ A copy of the Priva                            | ite Sponsor Travel Cei                             | rization (Form RE-1), <u>A</u><br>rtification Form with all | AND attachments (itinerar                        | y, invitee list, etc.)                                |
| Private Sponsor(s) (list                         | all): Alliance to Sa                               | ve Energy   | •  | ······································                |
| Travel date(s): 08                               | 20-081   | 2),2017   |  |   |
| Name of accompanying Relationship to Travele     |  | ny): <u>NA</u><br>Child                                     | <u> </u>   |   |
| INCLUDE LODGING C                                | OSTS IN EMPLOYEE                                   | EASE DUE TO THE ACC<br>EXPENSES. (Attach addit              | COMPANYING SPOUS                                 | SE OR DEPENDENT CHILD, ONLY                           |
| Expenses for Employe                             | Transportation Expenses                            | Lodging Expenses  | Meal Expenses                                    | Other Expenses<br>(Amount & Description)              |
| ☐ Good Faith Estimate                            | \$514.11   | \$356.00  | \$79.55  | NA  |
| ☑ Actual Amount                                  |  |   |  |   |
| Expenses for Accomp                              | anying Spouse or De                                | pendent Child (if applic                                    | able):   |   |
|  | Transportation<br>Expenses                         | Lodging Expenses  | Meal Expenses                                    | Other Expenses (Amount & Description)                 |
| ☐ Good Faith Estimate                            | NA   | NA  | NA   | NA  |
| ☐ Actual Amount                                  |  |   |  |   |
| Provide a description necessary.):  Mudias       | of all meetings and ev                             |   | 45 m Scil-c                                      | ttach additional pages if                             |
| 09/2//17<br>(Date)                               | Lovi Par   | fuso-<br>name of traveler)                                  |  | (Signature of traveler)                               |
|  |  | MEMBER/OFFICER:   |  |   |
| I have made a determinal Authorization form, are | nation that the expense<br>e necessary transporta  | es set out above in conne<br>tion, lodging, and related     | ections with travel des<br>d expenses as defined | scribed in the <i>Employee Pre-Travel</i> in Rule 35. |
| (Date)   |  |   | (Signature of Supe                               | rvising Senator/Officer)                              |

| Sunday, Aug | gust zu  |
|-------------|--|
| 7:35 PM     | Depart Dulles International Airport for Denver                                     |
|             | Southwest Flight 3745*   |
|             | *Tickets not yet booked  |
| 10:30 PM    | Arrive at Denver International Airport   |
|             | Cab to Renaissance Denver Downtown City Center Hotel                               |
|             | 918 17th St, Denver, CO 80202  |
| Monday, Au  | igust 21   |
| 8:00 AM     | Breakfast at Courtyard Marriott Denver Downtown                                    |
| 8:30 AM     | Depart Hotel for National Renewable Energy Laboratory                              |
|             | *Via Charter Bus   |
| 9:00 AM     | Arrive at National Renewable Energy Laboratory for Part 1 of Campus Tour           |
|             | 15013 Denver W Pkwy, Golden, CO 80401  |
|             | Gary Schmitz, Senior Manager for Government Relations & External Affairs, National |
|             | Renewable Energy Laboratory  |
|             | This portion of the visit to NREL will involve meetings with staff to learn about  |
|             | the Department of Energy's high-performance buildings program, commercial          |
|             | building partnerships and advanced energy modeling and design. It will also        |
|             | feature a tour of some facilities, including the Research Support Facility (newest |
|             | LEED Platinum sustainable green office building).                                  |
|             | Building on decades of work and ongoing advanced-energy research, NREL             |
|             | tackles a range of energy challenges with an integrated approach. NREL's heavy     |
|             | focus on energy efficiency, particularly in the building sector, is evident in the |
|             | various technologies employed in the recently completed Research Support           |
|             | Facility (RSF)—the laboratory's newest LEED Platinum sustainable green office      |
|             | building which serves as a model for energy efficiency and renewable energy.       |
|             | This campus is unique in its crosscutting displays of NREL's multi-faced mission,  |
|             | from a net zero building to batteries and formal storage and grid integration.     |
| 9:00 AM -   | Welcome & Introductions  |
| 9:30 AM     | - Overview of NREL   |
| 9:30 AM -   | Critical Insights for Energy Decision Makers                                       |
| 10:00 AM    | - Strategic Energy Analysis Center   |
| 10:00 AM -  | Energy Technology to Market  |
| 10:30 AM    | - New Approaches to Industry Partnerships  |
| 10:30 AM -  | Net Zero Energy Communities & High Performance Buildings                           |
| 11:15 AM    |  |
| 11:15 AM -  | - Tour of NREL Research Support Facility   |
| 11:45 AM    | - Nation's Largest Net-Zero Energy Office Building                                 |
| 11:45 AM    | Policy Perspectives Lunch Event  |
|             | Policy Perspectives is an event series that the Alliance hosts throughout the      |
|             | vear, Policy Perspectives speaker series provides exclusive opportunities for      |
|             | Alliance Associate & Board members to connect with key energy efficiency           |
|             | policymakers in an intimate and informal setting. Highly regarded by both our      |
|             | members and former event speakers, these gatherings offer candid discussions       |
|             | about the future of energy efficiency policy and the potential impact on key       |
|             | industry stakeholders, businesses and NGOs. This particular Policy Perspectives    |

|             | event will focus on energy productivity in the Denver metro area and feature   |
|-------------|--|
|             | staff from Siemens as well as local officials and industry leaders.  |
| 1:35 PM     | Part 2 of NREL Campus Tour   |
|             | Gary Schmitz, Senior Manager for Government Relations & External Affairs, National   |
| •           | Renewable Energy Laboratory  |
|             | The second part of visit to NREL will focus on sustainable transportation and  |
|             | systems integration through meetings and presentations with NREL staff.  |
| 1:35 PM -   | Tour Energy Systems Integration Facility   |
| 2:30 PM     | World's Most Energy-Efficient Super Computer   |
|             | Visualization Laboratory   |
|             | Systems Performance Lab  |
|             | - Hydrogen and Fuel Cells  |
| 2:30 PM -   | Energy-Efficient Transportation Solutions  |
| 3:00 PM     | - Electric Vehicles/Smart Transportation R&D   |
| 3:00 PM     | Depart NREL Campus for Miller Coors Brewery  |
| 3:15 PM -   | Arrive at Miller Coors Brewery for Sustainability Tour   |
| 4:00 PM     | 13th & Ford Street, Golden, CO 80401   |
| •           | Axel Johnson, Technical Services Manager, Miller Coors Brewing   |
|             | Visit will include a tour, given by Axel Johnson, that will focus on the energy-   |
|             | saving and sustainability projects the brewery has completed. The beverage   |
|             | industry is a large consumer of water and energy, which means that any   |
|             | methods to address either water or energy consumption can lead to significant  |
|             | savings.   |
|             | In 2013, Miller Coors began to improve energy use across their eight major   |
|             | breweries to123 MJ/hl, a 15.6 percent reduction from 2012. All eight major   |
|             | breweries reduced energy consumption from 2012. Until this past year,  |
| •           | MillerCoors was successful at getting only one brewery below 110 MJ/hl. They   |
|             | now have three: Fort Worth, Texas, Irwindale, Calif., and Shenandoah, located  |
|             | in Elkton, Va. From 2011 to 2013, MillerCoors has saved more than 2.3 billion  |
|             | megajoules of energy. This is enough to power 59,000 U.S. households for one   |
|             | year. They also put the new Golden Brewery Kiln 10 into production in June   |
|             | 2013. Since it began malting barley, they have achieved about a 30 percent   |
|             | overall reduction in steam usage for the brewery.  |
| 4:00 PM     | Depart Miller Coors for Hotel  |
| 4:30 PM     | Arrive at Hotel  |
| 5:30 PM     | Optional Dinner in Downtown Denver   |
| Tuesday, Au |  |
| 9:00 AM     | Breakfast at Hotel   |
| 9:15 AM     | Depart Hotel for Xcel Energy   |
| J.13 AW     | *Cab   |
| 9:30 AM -   | Arrive at Xcel Energy Trading Floor for Meetings and Tour  |
| 12:00 PM    | 1800 Larimer St, Denver, CO 80202  |
| 12.00 FIVI  | Frank Proger, Vice President, Policy & Federal Affairs, Xcel Energy  |
|             | The visit to Xcel Energy will involve meetings and presentations with staff to   |
|             | learn about the successful energy efficiency programs the utility is able to offer   |
|             | its consumers. It will also feature a tour of the trading floor, which is the central  |
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control hub for Xcel Energy's grid, that will show participants how a utility is able to balance supply and demand. Xcel Energy doesn't just generate power. Colorado's largest utility also buys and sells electricity, and in the past 12 years has, by the company's estimate, made almost \$245 million doing so. From the 10th-floor trading desks at its Colorado headquarters in downtown Denver, Xcel trades in power, as well as renewableenergy credits, 24 hours a day, seven days a week. Using computer models, 15 traders figure out how much electricity customers are going to use the next day, where they can get it most cheaply - and, if they can, make a dollar selling some into the market. This tour will teach attendees about the process and about the broad portfolio of energy efficiency offerings the company provides so all customers have an opportunity to participate, from rebate programs to energy audits to recycling services. Depart Xcel Energy for Johns Manville Technical Innovation Center 12:00 PM \*Charter Bus Arrive at Johns Manville Technical Innovation Center for Tour & Lunch 12:30 PM -10100 W Ute Ave. Littleton, CO 80127 2:30 PM Tim Swales, Vice President, R&D and Chief Sustainability Officer, Johns Manville This visit will feature meetings and presentations from staff about Johns Manville's products and how they are able to be used in buildings to significantly reduce energy consumption. It will also feature a tour of the Technical Innovation Center, where Johns Manville conducts its research and development of new products. JMTC is a state-of-the-art research and development facility for building materials located southwest of Denver. The 325,000 sq. ft. one-of-a-kind facility focuses on products to improve energy efficiency and green building materials. The information provided during the tour will focus on presenting research and creating an understanding of the need for outreach associated with retrofitting U.S. homes. These world-class environments help JM scientists do a variety of activities including understanding the components of glass and the role of recycled bottle glass, understanding how foams are made and learning about flame spread and smoke development. Depart Johns Manville for Pena Station at Panasonic Energy Solutions 2:30 PM \*Charter Bus Arrive at Pena Station for Meetings/Tour 3:00 PM -Peña Boulevard, Denver, CO 80220 4:30 PM Mark Sharp, Group Manager, Panasonic The visit will include meetings with staff to learn about Panasonic's sustainability efforts, which includes things like energy-efficient products and higher efficiency batteries, but also its new partnership with the City of Denver to develop a "smart city". This will show participants how various technologies and software can be integrated to form a high-functioning and energy independent system, which is a vision many people expect will be the future of cities. Peña Station Next has been envisioned as one of the country's most progressive communities. The development will not only produce its own energy but also store that energy to move toward a completely redundant power grid. Inspired by the Panasonic Smart City development in Fujisawa, Japan, Peña Station Next

|          | will maximize energy efficiency and access to efficient transportation along with their Panasonic and DEN partners. The community's many alternative transportation methods will make it possible for residents to live and work without a car. The tour will showcase the facility's \$10 million renewable energy micro-grid, complete with battery backup, energy tracking mechanisms and more. |
|----------|--|
| 4:30 PM  | Depart Pena Station for Denver Airport  *Light rail  |
| ·5:00 PM | Arrive at Denver Airport – Dinner at Airport   |
| 6:50 PM  | Depart Denver Airport for Dulles International Airport Southwest Flight 5820* *Tickets not yet booked  |
| 11:05 PM | Arrive in Washington, D.C. – Conclusion of Trip  |

# PRIVATE SPONSOR TRAVEL CERTIFICATION FORM

This form must be completed by any private entity offering to provide travel or reimbursement for travel to Senate Members, officers, or employees (Senate Rule 35, clause 2). Each sponsor of a fact-finding trip must sign the completed form. The trip sponsor(s) must provide a copy of the completed form to each invited Senate traveler, who will then forward it to the Ethics Committee with any other required materials. The trip sponsor(s) should NOT submit the form directly to the Ethics Committee. Please consult the accompanying instructions for more detailed definitions and other key information.

The Senate Member, officer, or employee MUST also provide a copy of this form, along with the appropriate travel authorization and reimbursement form, to the Office of Public Records (OPR), Room 232 of the Hart Building, within thirty (30) days after the travel is completed.

| Spo      | nsor(s) of the trip (please list all sponsors): Alliance to Save Energy   |
|----------|---|
| •        |   |
| Des      | cription of the trip: A fact-finding trip to Denver, CO to learn about policies and   |
|          | st practices that are helping to drive advances in energy efficiency and energy productivity.   |
| Dat      | es of travel: August 20 - August 22, 2017   |
| Pla      | ce of travel: Denver, CO  |
|          | ne and title of Senate invitees: Please see attached  |
| ıl ce    | rtify that the trip fits one of the following categories:   |
|          | (A) The sponsor(s) are not registered lobbyists or agents of a foreign principal <u>and</u> do not retain or employ registered lobbyists or agents of a foreign principal <u>and</u> no lobbyist or agents of a foreign principal will accompany the Member, officer, or employee at any point throughout the trip.  - OR -                           |
| X        | (B) The sponsor or sponsors are not registered lobbyists or agents of a foreign principal, but retain or employ one or more registered lobbyists or agents of a foreign principal and the trip meets the requirements of Senate Rule 35.2(a)(2)(A)(i) or (ii) (see question 9).   |
| X        | I certify that the trip will not be financed in any part by a registered lobbyist or agent of a foreign principal.  |
| _        | - AND -   |
| <b>⊠</b> | I certify that the sponsor or sponsors will not accept funds or in-kind contributions earmarked directly or indirectly for the purpose of financing this specific trip from a registered lobbyist or agent of a foreign principal or from a private entity that retains or employs one or more registered lobbyists or agents of a foreign principal. |
| l ce     | rtify that:   |
| ×        | The trip will not in any part be planned, organized, requested, or arranged by a registered lobbyist or agent of a foreign principal except for <i>de minimis</i> lobbyist involvement.  - AND -  |
| X        | The traveler will not be accompanied on the trip by a registered lobbyist or agent of a foreign principal except as provided for by Committee regulations relating to lobbyist accompaniment (see question 9).  |

|                             |           | USE ONLY IF YOU CHECKED QUESTION 6(B)  I certify that if the sponsor or sponsors retain or employ one or more registered lobbyists or agents of a foreign principal, one of the following scenarios applies:  |
|-----------------------------|-----------|---|
| <del>-</del> - <del></del>  | <u></u> - | (A) The trip is for attendance or participation in a one-day event (exclusive of travel time and one overnight stay) and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee on any segment of the trip.  - OR -   |
|                             |           | <ul> <li>□ (B) The trip is for attendance or participation in a one-day event (exclusive of travel time and two overnight stays) and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee on any segment of the trip (see questions 6 and 10).</li> <li>— OR –</li> </ul> |
|                             |           | (C) The trip is being sponsored only by an organization or organizations designated under § 501(c)(3) of the Internal Revenue Code of 1986 and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee at any point throughout the trip.                                     |
|                             | 10.       | USE ONLY IF YOU CHECKED QUESTION 9(B)  If the trip includes two overnight stays, please explain why the second night is practically required for Senate invitees to participate in the travel:  |
|                             |           |   |
|                             | 11.       | An itinerary for the trip is attached to this form. I certify that the attached itinerary is a detailed (hourby-hour), complete, and final itinerary for the trip.  |
|                             | 12:       | Briefly describe the role of each sponsor in organizing and conducting the trip:  |
|                             |           | The Alliance to Save Energy, as the sole sponsor of this trip, was responsible for planning the trip in its   |
|                             |           | entirety and staff members of the Alliance will accompany all participants throughout the duration of the   |
|                             |           |   |
| ( <u>\$</u> )<br>(*)<br>(*) | 13.       |   |
| (D)                         |           | Please see attached.  |
| (C) (C) (C)                 |           |   |
| (D)                         |           | Briefly describe each sponsor's prior history of sponsoring congressional trips:  |
| (D)                         | 14.       |   |
|                             |           | Please see attached.  |
|                             |           |   |
|                             |           |   |

| Please see attached  | i.   |  |  |                                 |  |  |
|--|--|--|--|---------------------------------|--|--|
|  |  | •  |  |                                 |  |  |
| ·  |  |  |  |                                 |  |  |
| <u> </u>   | <u> </u>   |  | <u> </u>                                       | <u> </u>                        |  |  |
| Total Expenses for Each Participant:   |  |  |  |                                 |  |  |
|  | Transportation   | Lodging  | Meal   | Other<br>Expense                |  |  |
|  | Expenses   | Expenses                                       | Expenses                                       | Expense                         |  |  |
|  | \$450<br>Round-trip Airfare  | \$356  | \$189.75                                       |                                 |  |  |
| ⊠ Good Faith   | and  |  |  |                                 |  |  |
| estimate   | Local Transportation.  |  |  |                                 |  |  |
| ☐ Actual   |  |  |  |                                 |  |  |
| Amounts  |  |  |  |                                 |  |  |
|  |  | <del></del>                                    |  |                                 |  |  |
| participation or b) t  | trip involves an event tha<br>he trip involves an event t  | t is arranged or orga<br>hat is arranged or or | nized without regard<br>ganized specifically i | l to congression with regard to |  |  |
| participation or b) the  | he trip involves an event t  | hat is arranged or of                          | ganized specifically                           | with regard to                  |  |  |
| participation or b) the  | he trip involves an event t<br>ipation:  | hat is arranged or of                          | ganized specifically                           | With regard to                  |  |  |
| participation or b) the congressional participation.   | he trip involves an event t<br>ipation:  | organized specifica                            | ganized specifically                           | With regard to                  |  |  |
| participation or b) the congressional participation.   | he trip involves an event to ipation: event that is arranged or the location of the event  | organized specifica                            | ganized specifically                           | With regard to                  |  |  |
| participation or b) the congressional participation.  The trip involves an participation.  Reason for selecting  | he trip involves an event to ipation: event that is arranged or the location of the event  | organized specifica                            | ganized specifically                           | With regard to                  |  |  |
| participation or b) the congressional participation.  The trip involves and participation.  Reason for selecting Please see attached   | he trip involves an event to ipation: event that is arranged or the location of the event ed.  | organized specifica                            | ganized specifically                           | With regard to                  |  |  |
| participation or b) the congressional participation.  The trip involves and participation.  Reason for selecting Please see attached and location.   | he trip involves an event to ipation: event that is arranged or the location of the event ed.  of hotel or other lodging for the event ed.       | organized specificator trip                    | ganized specifically                           | with regard to                  |  |  |
| participation or b) the congressional participation.  The trip involves and participation.  Reason for selecting Please see attached and location.   | he trip involves an event to ipation: event that is arranged or the location of the event ed.  | organized specificator trip                    | ganized specifically                           | With regard to                  |  |  |
| participation or b) the congressional participation.  The trip involves and participation.  Reason for selecting Please see attached and location.   | he trip involves an event to ipation: event that is arranged or the location of the event d.  of hotel or other lodging for Downtown City Center | organized specificator trip                    | ganized specifically                           | With regard to                  |  |  |
| participation or b) the congressional participation.  The trip involves and participation.  Reason for selecting Please see attached Please See at | he trip involves an event to ipation: event that is arranged or the location of the event d.  of hotel or other lodging for Downtown City Center | or trip  acility: Hotel                        | lly with regard to cont                        | gressional                      |  |  |

| 21.  | Describe how the daily expenses for lodging, meals, and other expenses provided to trip participants compares to the maximum per diem rates for official Federal Government travel:  |
|------|--|
|      | For the purposes of this trip, the cost of lodging and meals will remain within the per  |
| ···· | diem.limit.set.by.the_General Services Administration (\$178 for lodging and \$69 for meals)   |
|      |  |
| 22.  | Describe the type and class of transportation being provided. Indicate whether coach, business-class or first class transportation will be provided. If first-class fare is being provided, please explain why first-class travel is necessary:  |
|      | Attendees will take a plane to Denver, which will be coach.  |
|      | To attend sites in the greater Denver area we will use public transit, mini bus or taxis for transportation.   |
| 23.  | I represent that the travel expenses that will be paid for or reimbursed to Senate invitees do not include expenditures for recreational activities, alcohol, or entertainment (other than entertainment provided to all attendees as an integral part of the event, as permissible under Senate Rule 35). |
| 24.  | List any entertainment that will be provided to, paid for, or reimbursed to Senate invitees and explain why the entertainment is an integral part of the event:  |
|      | None.  |
|      |  |
| 25.  | I hereby certify that the information contained herein is true, complete and correct. (You must include the completed signature block below for each travel sponsor.):  Signature of Travel Sponsor:   |
|      | Name and Title:  |
|      | Name of Organization:  |
|      | 1850 M Street, NW, Suite 610, Washington, DC 20036  Address:   |
|      | Telephone Number: (202) 857-0666   |
|      | Fax Number: (202) 334-9588   |
|      | kcailahan@ase.org E-mail Address:  |

For questions, please contact Reed Brown at rbrown@ase.org or (202) 530-2241.

Johns Manville is a building materials company that develops and produces materials to make diverse environments stronger, more durable, and more energy efficient and comfortable. We manufacture premiumquality building and mechanical insulation, commercial roofing, glass fibers and nonwoven materials for commercial, industrial and residential applications. JM products are used in a wide variety of industries including building products, aerospace, automotive and transportation, filtration, commercial interiors, waterproofing and wind energy. Johns Manville also has its Innovation Center in Colorado where most of the research and development and quality assurance testing is conducted.

o Xcel Energy

Colorado is served by a broad collection of utility companies with Xcel Energy serving as one of the largest and the one that serves the greater Denver area. Recognizing the importance of energy efficiency, Xcel Energy offers a selection of programs to help businesses and homeowners become more energy-efficient.

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are plans for several of these events in 2017, including in Washington, DC and around the country.

18.

There are several reasons why we have chosen Denver, CO as the destination for this trip.

- The American Council for an Energy-Efficiency Economy (ACEEE) produces the annual State Energy Efficiency Scorecard, which ranks states based on energy efficiency policies and practices. Colorado has consistently been one of the best performers, and ranked #14 in 2016. The state offers several financial incentives encourage energy efficiency, including Property Assessed Clean Energy (PACE) financing, and leads by example by requiring public buildings to meet certain minimum efficiency standards. Colorado also has active utilities that offer energy efficiency programs and the state has an energy efficiency resource standard in place to encourage further advances. In addition to the state ranking, ACEEE also ranks a selection of major cities on the same criteria and Denver was ranked #9 in 2017. Therefore, Denver is an excellent option for such a trip because we can incorporate strong local level actions along with the broader state-level actions.
- The Alliance to Save Energy is also hosting a public briefing at the National Renewable Energy Laboratory on August 21, which will be included as part of the agenda. The briefing is entitled, "Policy Perspectives Cities of the Future: What Trends are Driving Urban Efficiency and Resilience in Denver," and will feature speakers from state and local government, regional organizations and local business leaders. A full agenda for the event is included below.
- The Greater Denver area boasts a wide range of field examples and opportunities to learn about energy efficiency, including:
  - o The National Renewable Energy Laboratory (NREL)

NREL is part of the national lab network and is specifically focused on the development and study of energy efficiency and renewable energy technologies. The lab has four main mission areas: Sustainable Transportation, Energy Productivity, Renewable Electricity and Systems Integration. In addition, NREL also has 13 research and development programs with several that are directly related to energy efficiency: buildings, Federal Energy Management Program, transportation, weatherization and intergovernmental programs and Department of Defense energy programs.

o MillerCoors Brewery

Breweries represent an important part of energy efficiency, which is known as the energy-water nexus. In this context, it takes a significant amount of energy to treat and move water, which is why a visit to MillerCoors, the largest brewery by volume in the United States, is especially relevant. The company has a strong sustainability program and has been able to reduce its energy consumption by 50 percent and its water consumption by 25 percent since 2010.

o Johns Manville

o Amsterdam, Netherlands

• Field trip to New York and California that took place from November 30, 2004 – December 3, 2004.

15.

The Alliance hosts a range of educational activities.

Congressional Briefings

 We host Congressional briefings throughout the year, which typically focus on a particular aspect related to energy efficiency.

March 16, 2017: Beyond Roads & Bridges: The Role of Energy Efficiency Policy in Infrastructure Investments

July 14, 2016: Congressional Briefing on Grid Edge: The Role of Energy Efficiency in a Modernizing Energy System

February 26, 2016: The Role of Benchmarking, Transparency and Codes in Driving a More Efficient Built Environment.

January 14, 2016: Cutting Edge Technologies and Businesses: Opening the Door for Energy Efficiency Deployment at Scale

Energy Efficiency Global Forum

- O An annual event convened in Washington, DC that brings together executives and policymakers from around the world and across sectors to discuss energy efficiency. In 2017, this exclusive forum explored how utilities, regulators, legislators and companies are incorporating cost-effective energy efficiency measures into their business to help meet increasing demand. The next EE Global Forum is scheduled for May of 2018 in Copenhagen, Denmark.
- Accelerate Energy Productivity 2030
  - O A partnership between the U.S. Department of Energy, Alliance to Save Energy and Council on Competitiveness to catalyze action in the public and private sectors to help achieve the goal of doubling our nation's energy productivity.
  - o As part of this initiative, three webinars were held in April to provide an in-depth look at several unique aspects of energy efficiency:

April 13, 2016: Building Technologies and Finance

April 20, 2016: Smart Grid and Smart Manufacturing

April 27, 2016: Transportation and Water

Energy 2030 Events

- o Energy 2030 On the Road These are education, outreach and action campaigns aimed at urging communities through the nation to adopt the goal of doubling U.S. energy productivity. They are held around the country and last year included stops in Seattle, WA, Raleigh, NC and Minneapolis, MN. They follow the same format of other events where panelists discuss a specific theme of energy efficiency and are widely attended by members of local governments, academia, local and state government and the surrounding community.
- Policy Perspectives Breakfasts
  - o Breakfast sessions where we invite a representative from a Federal agency or Congressional office (Senator/Congressman) to come and speak about priorities or updates regarding energy efficiency for the respective agency or office. There

# Addendum to Senate Private Sponsor Travel Certification Form

5.

The following staff members have been invited to participate on this trip.

Morgan Cashwell, Legislative Assistant, Office of Senator Angus King Levi Patterson, AAAS Fellow, Office of Senator Chris Coons

- Radha Adhar, Legislative Assistant, Office of Senator Tammy Duckworth
- Tony Markel, Energy Fellow, Office of Senator Cory Gardner

13.

The Alliance to Save Energy promotes energy efficiency worldwide to achieve a healthier economy, a cleaner environment and energy security. To achieve this mission, the Alliance:

- Leads worldwide energy efficiency initiatives in policy advocacy, research, education, technology deployment and communications that impact all sectors of the economy.
- Provides vision and activism which includes active and engaged members of Congress, leaders from business, the public interest sector and academia.
- Initiates and participates in public-private partnerships, collaborate efforts and strategic
  alliances to optimize resources and expand its sphere of influence.

  Executes its mission through a team of recognized energy efficiency experts and
  professionals.

The purpose of this trip is to learn about policies and best practices that are helping to drive advances in energy productivity across the country. Our hope is that through visits to sites identified on the itinerary and through meetings with local and state officials that the Congressional staff members will be able to learn about state and business activities and, in turn, use that new knowledge to develop, refine and advance policies at the federal level.

### 14.

The Alliance has previously sponsored several Congressional field trips.

- Field Trip to Chicago, IL that took place on July 21, 2017.
- Field trip to Newark, New Jersey and New York, New York that took place from February 21-23, 2017
- Field trip to Boston, Massachusetts that took place from August 10-12, 2016.
- Field trip to San Francisco Bay Area that took place from August 12-14, 2015.
- Field trip to Hartford, CT on August 22-23, 2012 (including travel days).
- Field trip to Denver, CO on January 11-13, 2012 (including travel days).
- Field trip to Philadelphia, PA on August 26, 2011.
- Field trip from August 28, 2005 September 2, 2005 to:
  - o Berlin, Germany
  - o Stuttgart, Germany
  - o Brussels, Belgium
  - o Terneuzen, Netherlands
  - O Rotterdam, Netherlands

# **Policy Perspectives**

# Cities of the Future: What Trends are Driving Urban Efficiency and Resilience in Denver?

Monday, August 21 | 11:45 am - 1:35 pm National Renewable Energy Laboratory Golden, CO

11:45 am - 12:15 pm Registration & Lunch

Welcome Remarks 12:15 pm - 12:20 pm

Kateri Callahan, President, Alliance to Save Energy

**Keynote Remarks** 12:20 pm -12:35 pm

Governor John Hickenlooper

Cities of the Future: What Trends are Driving Urban Efficiency and Resilience in 12:35 pm - 1:35 pm

Denver?

Representative from NetZero Buildings Team at NREL

Moderator:

Heather Bailey, Executive Director of Energy Strategy and Electric Utility, City of Speakers:

Boulder

Bruce Ray, Director of Government & Regulatory Affairs, Johns Manville

Kathleen Staks, Executive Director, Colorado Energy Office

Representative from Prologis or Xcel Energy

Representative from Panasonic

**Closing Remarks** 1:35 pm

Kateri Callahan, President, Alliance to Save Energy